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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SECURITIES BLDG.

HELENA, MONTANA

VOL. VII, No. 2

MCKEE PRINT.

February, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1959, averaged 81,046 barrels daily, an increase of 1,506 barrels from the average January production of 79,540.

The ten refineries in the State processed 71,046 barrels of crude oil daily for the month of February, 1959, a decrease of 716 barrels daily from the 71,762 barrels processed daily during the month of January, 1959.

During February, 15 wells were completed, 8 oil, 0 gas wells and 7 dry holes.

During February, the Commission issued 16 permits to drill new wells, an increase of 2 from the 14 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1959

IN STORAGE FEBRUARY 1st:

By Producers	364,243
By Transporters	658,155
By Refiners	637,993

TOTAL STORAGE

Produced in Montana During Month..... 2,269,299
Imported During Month..... 1,463,232

TOTALS

DISPOSITION:

Refined in Montana.....	1,989,316
Exported	1,755,414
Used for Fuel or Lost.....	6,996

TOTAL

IN STORAGE FEBRUARY 28th:

By Producers	364,706
By Transporters	641,251
By Refiners	635,239

TOTAL STORAGE

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1959

Field	M Cu. Ft.
Bears Den	0
Big Coulee	94,597
Bowdoin	386,390
Bowes	128,871
Box Elder	0
Cabin Creek	69,217
Cedar Creek	767,587
Clarks Fork	103,282
Cut Bank (Including Reagan).....	1,584,683
Devon	0
Dry Creek	198,393
Elk Basin	101,142
Flat Coulee	35,018
Golden Dome	5,070
Hardin	2,900
Keith Block	237,269
Kevin Sunburst	144,249
Pine	69,307
Plevna	18,955
Utopia	113,371
Whitlash	103,655
Miscellaneous	45,531
TOTAL	4,209,487

Total Withdrawals for February, 1958
were 3,846,632 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF FEBRUARY, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek.....	4	1,040	2,534	-----	2,537	-----	1,037
4	Bannatyne.....	5	2,781	993	-----	1,611	-----	2,163
....	Belfry.....		45	-----	-----	-----	-----	45
11	Big Wall.....	22	3,969	16,657	-----	18,420	-----	2,206
10	Blackfoot.....	14	2,239	8,213	-----	7,609	-----	2,843
2	Border.....	2	-----	2,682	2,682	-----	-----	-----
20	Bowes.....	82	5,015	27,476	27,461	-----	-----	5,030
1	Bredette.....	1	1,485	126	-----	-----	-----	1,611
5	North Bredette.....	5	5,078	4,496	5,159	-----	-----	4,415
3	Brorson.....	3	3,205	2,200	3,305	-----	-----	2,100
2	Bynum.....	2	255	-----	-----	-----	-----	255
2	Cabin Creek.....	89	18,104	338,688	340,041	-----	-----	16,751
28	Cat Creek.....	84	4,594	11,176	7,665	3,214	-----	4,891
1	Clark's Fork.....	1	344	15	-----	-----	-----	359
4	Clark's Fork North.....	4	1,792	35,317	-----	35,435	-----	1,674
2	Cupton.....	2	1,465	1,110	804	-----	-----	1,771
342	Cut Bank.....	1,140	121,947	156,446	153,182	-----	199	125,012
3	Deer Creek.....	6	2,713	18,103	19,304	-----	-----	1,512
5	Delphia.....	5	2,805	5,170	-----	5,340	-----	2,635
4	Devil's Basin.....	5	1,069	385	-----	431	-----	1,023
5	Dry Creek.....	6	1,143	5,794	5,967	-----	-----	970
20	Elk Basin.....	57	8,493	329,995	328,370	-----	-----	10,118
1	Fertile Prairie.....	2	1,228	793	1,073	-----	-----	948
2	Frannie.....	2	1,327	2,368	3,098	-----	-----	597
2	Gage.....	2	1,027	1,976	-----	1,305	119	1,579
4	Gas City.....	12	4,508	19,928	18,710	-----	-----	5,726
6	Glendive.....	12	4,951	42,758	41,648	-----	-----	6,061
3	Gypsy Basin.....	3	1,032	647	-----	348	-----	1,331
1	Hawk Creek.....	1	569	344	-----	457	-----	456
5	Ivanhoe.....	12	5,462	19,261	-----	19,840	-----	4,883
179	Kevin Sunburst.....	1,314	16,810	60,694	60,804	-----	1	16,699
2	Line Coulee.....	2	1,675	1,514	612	-----	-----	2,577
1	Little Beaver.....	5	3,656	10,225	10,734	-----	-----	3,147
3	East Little Beaver.....	5	2,361	7,500	8,037	-----	-----	1,824
5	Melstone.....	8	2,874	5,796	-----	5,493	18	3,159
1	Monarch.....	1	990	4,323	4,217	-----	-----	1,096
3	Mosser.....	8	175	564	-----	482	-----	257
10	Outlook Area.....	14	8,520	55,115	38,487	17,081	-----	8,067
10	Pennel.....	21	6,805	43,739	44,432	-----	-----	6,112
6	Pine.....	136	16,563	382,322	381,146	-----	-----	17,739
73	Pondera.....	332	7,281	38,808	37,646	-----	-----	8,443
10	East Poplar.....	101	21,563	307,488	308,307	-----	311	20,433
3	Northwest Poplar.....	4	1,397	1,682	1,865	-----	-----	1,214
4	Ragged Point.....	7	2,212	10,106	-----	9,601	-----	2,717
....	Rattlesnake Butte.....		116	-----	-----	-----	-----	116
1	Redstone.....	1	955	403	655	-----	-----	703
4	Reagan.....	44	2,748	11,068	11,442	-----	-----	2,374
6	Red Creek.....	8	3,588	14,135	1,194	13,528	-----	3,001
1	Repeat.....	1	945	494	638	-----	-----	801
5	Richey.....	9	4,624	11,006	11,368	-----	159	4,103
2	Snyder.....	4	1,333	1,683	-----	689	-----	2,327
4	Soap Creek.....	17	3,118	5,628	5,182	-----	-----	3,564
1	Southwest Richey.....	2	1,381	2,394	3,095	-----	-----	680
3	Stensvad.....	3	1,969	18,350	17,380	-----	-----	2,939
23	Sumatra.....	64	15,923	144,704	141,051	1,239	40	18,297
7	Sweetgrass Hills.....	3	488	357	-----	291	-----	554
7	Whitlash.....	33	11,704	4,596	3,240	1,503	-----	11,557
5	Wills Creek.....	9	4,627	18,931	19,873	-----	-----	3,685
9	Wolf Springs.....	20	5,706	48,940	49,778	-----	-----	4,868
2	Woodrow.....	2	1,689	864	1,883	-----	-----	670
1	Yellowstone.....	1	762	219	-----	-----	-----	981
886		2,764	364,243	2,269,299	2,121,535	146,454	847	364,706

Total Oil Produced and Shipped From Lease	BbIs. Produced	Daily Average	BbIs. Shipped	Daily Average
Year, 1958	27,956,649	76,593	27,878,576	76,379
January, 1959	2,465,740	79,540	2,443,701	78,829
February, 1959	2,269,299	81,046	2,267,989	80,999

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
January, 1959	364,243	658,155	637,993	1,660,391
February, 1959	364,706	641,251	635,239	1,641,196

*Includes Wyoming Oil

TRANSPORTERS REPORT
MONTH OF FEBRUARY, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,537				2,537		
BANNATYNE—Truck.....			1,611			1,611			
BIG WALL—Truck			18,420				18,420		
BLACKFOOT—Union Oil Co.....			7,609			7,609			
BORDER—Truck.....		2,682				2,682			
BOWES—									
Trigood Oil Co.....	3,584	4,651			1,160	4,339			2,736
The Texas Co.....		22,810				22,810			
	3,584	27,461			1,160	27,149			2,736
BRORSON—Sun Oil Company.....		3,305					3,305		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.....	296,727	801,294		469,779	19		1,261,172		306,609
Shell Pipe Line Corp.....	1,592	84,442			78			84,443	1,513
	298,319	885,736		469,779	97		1,261,172	84,443	308,122
CAT CREEK—									
Continental Pipe Line Co.....	5,720	7,665			(43)	7,084			6,344
Wm. Hanlon			3,214			3,214			
	5,720	7,665	3,214		(43)	10,298			6,344
CLARK'S FORK—Truck			35,435				35,435		
CUT BANK—									
Big West Oil Co.....		879		24,542		25,421			
Darling Gathering System, Inc.....	1,695	7,620						7,613	1,702
Phillips Petroleum Co	41,330	36,141		15,523	288	55,299		15,523	21,884
Texas Pipe Line Co.....	52,083	26,032		20,933	395	18,095		34,643	45,915
Toronto Pipe Line Co.....	26,901	43,610			7			46,668	23,836
Union Oil Co.....	154,269	36,247		35,426	757	64,143			161,044
	276,278	150,529		96,426	1,447	162,958		104,447	254,381
DEVILS BASIN—Truck			431				431		
DELPHIA—Truck			5,340			5,340			
DRY CREEK—Ohio Oil Co.....	7,917	5,967			(67)	4,035			9,916
ELK BASIN—Ohio Oil Co.....		328,370					328,370		
FRANNIE—Ohio Oil Co.....		3,098					3,098		
GAGE—Truck			1,305				1,305		
GLENDDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.....	3,674	62,715			(387)		31,619	29,663	5,495
GYPSY BASIN—Truck			348			348			
HAWK CREEK—Truck.....			457				457		
IVANHOE—Truck			19,840			773	19,067		
KEVIN-SUNBURST—									
Big West Oil Co.....	2,164	43,477				43,482			2,159
Homestake Oil & Gas Co.....	631	3,156		7,613		10,460			940
The Texas Pipe Line Co.....	4,062	29,235			979	28,256			4,082
	6,877	75,868		7,613	979	82,198			7,181
MELSTONE—Truck			5,493			5,493			
MOSSER—Truck.....			482				482		
PONDERA—Phillips Petr. Co.....	16,375	39,415			670	30,842			24,278
POPLAR, BREDETTE, OUTLOOK & LINE COULEE and REDSTONE—									
East Poplar Gathering System.....	18,453	355,085			(317)			355,672†	18,183
Truck.....			17,081				17,081		
	18,453	355,085	17,081		(317)		17,081	355,672	18,183
RAGGED POINT—Truck			9,601			9,601			
REAGAN—Union Oil Co.....		11,442				11,442			
RED CREEK—									
Toronto Pipe Line Co.....		1,194				1,194			
Truck			13,528				13,528		
		1,194	13,528			1,194	13,528		
SNYDER—Truck			689				689		
SOAP CREEK—Truck			5,182			5,182			
STENSVAÐ—Truck.....			17,380			8,358	9,022		
SUMATRA—									
Powder River Pipe Line, Inc.....	19,152	141,051				152,045	8,159		
Truck			1,239				1,239		
	19,152	141,051	1,239			152,045	9,397		
SWEETGRASS HILLS—Truck			291			291			
WHITLASH—									
Homestake Oil & Gas Co.....				4,691		4,691			
Western Natural Gas Co.....	1,297	3,240						4,284	253
Truck			1,503			1,503			
	1,297	3,240	1,503	4,691		6,194		4,284	253
WOLF SPRINGS—									
Powder River Pipe Line Co.....	509	49,575				45,722			4,362
TOTALS	558,155	2,154,398	169,016	578,509	3,539	581,365	1,755,414	578,509	641,251

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF FEBRUARY, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot.....										5,323	5,323
Border.....	2,682										2,682
Bowes.....				22,803							22,803
Cat Creek.....			4,400		744	4,370					9,514
Clark's Fork.....					161						161
Cut Bank.....	25,829						54,902	252		65,672	146,655
Delphia.....											5,092
Dry Creek.....					5,327						5,327
Elk Basin.....		166,004	73,214								239,218
Ivanhoe.....						2,893		171			2,893
Kevin Sunburst.....	39,598										39,598
Melstone.....					9,727						9,727
Pondera.....							30,965				30,965
Reagan.....										11,443	11,443
Soap Creek.....		99,681	918		36,551				4,263		4,263
Sumatra.....											137,150
Sweetgrass Hills.....	368										368
Whitlash.....										1,162	1,162
Wolf Springs.....		45,153									45,153
Total Montana Oil.....	68,477	310,838	78,532	22,803	52,510	12,355	85,867	423	4,263	83,600	719,668
Canadian Oil Imported.....											
Wyoming Oil Imported.....		604,438	234,675		430,535						1,269,648
TOTAL Montana, Canadian and Wyoming Oil.....	68,477	915,276	313,207	22,803	483,045	12,355	85,867	423	4,263	83,600	1,989,316

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,108	32	38,599	63,739
February, 1958	29,258	95	34,681	64,034
February, 1959	25,702	...	45,344	71,046

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1958	39.39%	.05%	60.56%
February, 1958	45.69%	.15%	54.16%
February, 1959	36.18%	...	63.82%